

Title: Methods and Apparatus for Efficiently
Transmitting Interactive Application Data Between a
Client and a Server Using Markup Language
Inventor(s): Mitchell, et al.
Serial No. Not Yet Assigned
Atty Docket No. CTX-036CN
Agent: David G. Miranda
Express Mail Mailing Label No. EV 012824605US



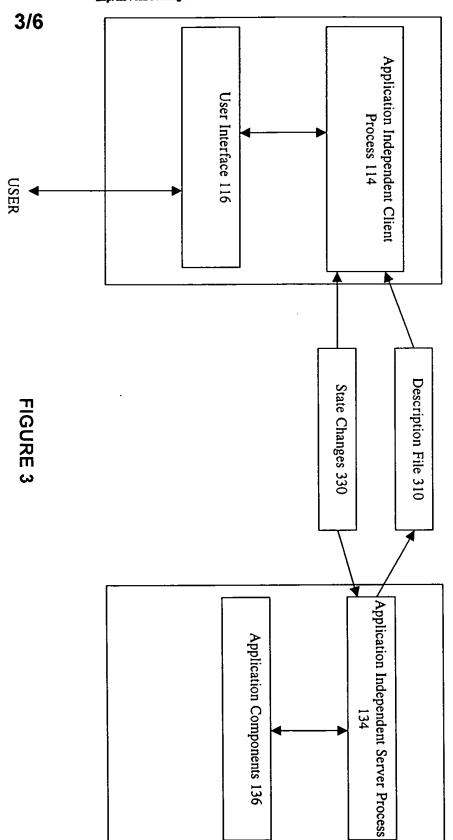
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Operating System 410
Web Server Application 132
Application Programs 420
 Application Components 136
Transaction Processor 430
<u></u>
APPLICATION INDEPENDENT SERVER PROCESS 134 Application Component State 442 Data Relationships 446 User Interface Data 448 Connection Handler 450 Manager Object 452 Meta Object 454 Proxy Object 456
Application Independent Server Process N 134'



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User Workstation 110

Server Computer System 130

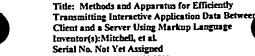


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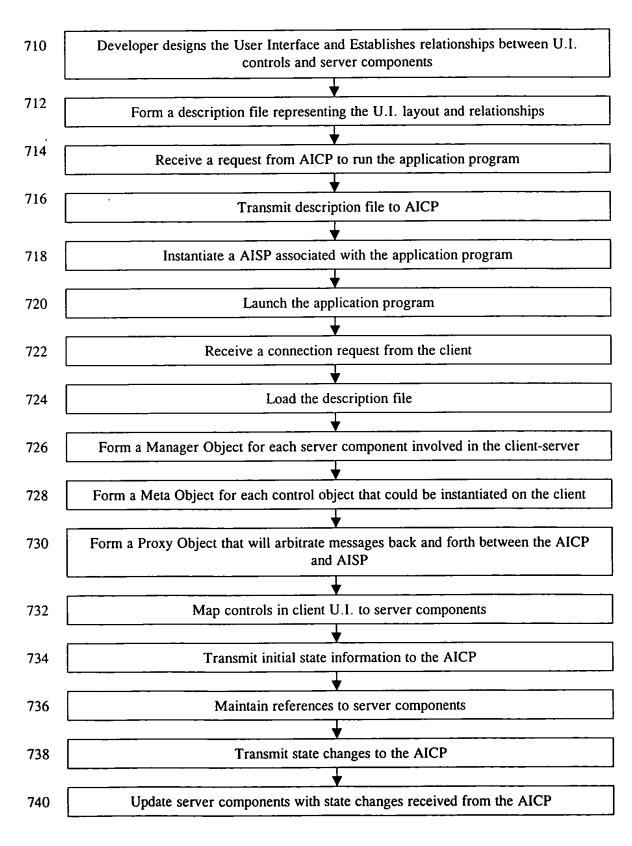
FIGURE 4

Operating System 612 Web Browser Application 112 Application Independent Client Process 114 Description File 310 -User Interface Data 448 -Data Relationships 446 Control Identifiers 618 User Interface Objects 620 Control State 622 **Control Objects** 624



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5/6 FIGURE 5





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6/6 FIGURE 6

